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In the Claims

1-325 (cancelled).

WHAT IS CLAIMED IS:

1                   326. (Previously Presented) A gastrointestinal stimulation device  
2 comprising:  
3                   at least one electrode configured to be positioned in electrical contact with  
4 tissue of a gastrointestinal tract;  
5                   electronic circuitry electrically configured to be coupled to the at least one  
6 electrode and configured to deliver electrically stimulating signals to the tissue through the at  
7 least one electrode; and  
8                   an attachment device coupled to the electronic circuitry and operative to attach  
9 the electronic circuitry to tissue of the gastrointestinal tract from within the gastrointestinal  
10 tract.

1                   327. (Previously Presented) The device of claim 326, wherein the  
2 attachment device comprises an expanding portion configured to engage a wall of the  
3 gastrointestinal tract.

1                   328. (Previously Presented) The device of claim 326, wherein the  
2 attachment device comprises  
3                   a first portion configured to extend into a wall of the gastrointestinal tract  
4 when deployed, and  
5                   a second portion distal of the first portion configured to engage the wall of the  
6 gastrointestinal tract when deployed.

1                   329. (Previously Presented) The device of claim 328, wherein the second  
2 portion comprises an expandable element configured to expand to engage the wall of the  
3 gastrointestinal tract.

1                   330. (Previously Presented) The device of claim 326, wherein the  
2 electrically stimulating signals includes at least one signal to affect a nerve associated with  
3 the gastrointestinal tract or a muscle contraction of the gastrointestinal tract or a combination  
4 of these.

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1                   331. (Previously Presented) The device of claim 326 wherein the  
2 attachment device comprises  
3                   a first portion configured to extend through a wall of the gastrointestinal tract  
4 when deployed,  
5                   a second portion distal of the first portion, wherein the second portion is  
6 configured to engage an outside surface of the wall when deployed, and  
7                   a retaining portion configured to engage an inside surface of the wall.

1                   332. (Previously Presented) A method of stimulating an organ of a digestive  
2 tract of a patient comprising the steps of:  
3                   providing a stimulator including an attachment device and electronic circuitry  
4 arranged to deliver electrically stimulating signals to the organ;  
5                   advancing the stimulator through an esophagus of the patient and towards an  
6 attachment site on the organ of the digestive tract; and  
7                   attaching the stimulator to the attachment site with the use of the attachment  
8 device.

1                   333. (Previously Presented) A method of stimulating an organ of a digestive  
2 tract of a patient comprising the steps of:  
3                   providing a stimulator including electronic circuitry arranged to deliver  
4 electrically stimulating signals to the organ;  
5                   advancing the stimulator through an esophagus of the patient and towards an  
6 attachment site on the organ of the digestive tract; and  
7                   implanting the stimulator at the implantation site.

1                   334. (Previously Presented) The method of claim 333, further comprising  
2 providing an anchor configured to anchor the electronic circuitry to the organ, and wherein  
3 implanting further comprises attaching the anchor to the organ.

1                   335. (Previously Presented) The method of claim 334, wherein implanting  
2 further comprises attaching the electronic circuitry to the anchor.

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1                   336. (Previously Presented) The method of claim 334, wherein implanting  
2 further comprises attaching the stimulator to the anchor.

3                   337. (New) A gastrointestinal stimulation device comprising:  
4                   an electronics unit configured for advancement through an esophagus to  
5 within a hollow gastric organ having an organ wall;  
6                   at least one electrode coupled with the electronics unit, wherein the at least  
7 one electrode is positionable in long term contact with the organ wall at a predetermined  
8 location so that electrically stimulating signals are deliverable from the electronics unit to the  
9 organ wall.

1                   338. (New) A device as in claim 337, wherein the at least one electrode  
2 comprises a plurality of electrodes, each positionable at a separation location along the organ  
3 wall.

1                   339. (New) A device as in claim 338, wherein each location is at least  
2 approximately 5-10mm apart.

1                   340. (New) A device as in claim 338, wherein each of the plurality of  
2 electrodes is coupled to the electronics unit by a lead.

1                   341. (New) A device as in claim 337, wherein the at least one electrode  
2 includes an anchor which is advanceable through the organ wall.

1                   342. (New) A device as in claim 341, wherein the anchor is configured to  
2 position the at least one electrode within the organ wall when the anchor is advanced through  
3 the organ wall.

1                   343. (New) A device as in claim 341, wherein the anchor is configured to  
2 mechanically support the electronics unit.

1                   344. (New) A device as in claim 343, wherein the anchor is advanceable  
2 through the organ wall at a single location so as to mechanically support the electronics unit  
3 at the same location as delivery of electrically stimulating signals.

1                   345. (New) A device as in claim 343, wherein the at least one electrode  
2 includes a first electrode disposed on the anchor configured to mechanically support the

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3 electronics unit at a first location along the organ wall and a second electrode positionable at  
4 a second location along the organ wall.

1 346. (New) A device as in claim 345, wherein the hollow gastric organ  
2 comprises a stomach having a fundus, and wherein the first location is disposed in or near the  
3 fundus and the second location is disposed away from the fundus.

1 347. (New) A device as in claim 337, wherein each of the at least one  
2 electrodes includes an electrode anchoring device, and wherein each of the electrode  
3 anchoring devices is advanceable through the organ wall at a separate location.

1 348. (New) A device as in claim 347, wherein at least one of the electrode  
2 anchoring devices includes an expandable element positionable against an outer surface of  
3 the organ wall.

1 349. (New) A device as in claim 348, further comprising at least one  
2 bumper positionable against an inner surface of the organ wall to assist in holding at least one  
3 of the electrodes in place.

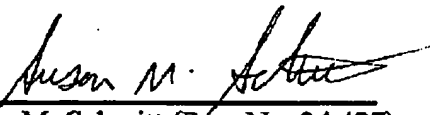
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Respectfully submitted,

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